

IFWO

RAW SEQUENCE LISTING DATE: 08/11/2004 PATENT APPLICATION: US/10/613,077 TIME: 15:54:35

Input Set : A:\13510CIP.txt

Output Set: N:\CRF4\08112004\J613077.raw

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                                   Reynolds, Angela
                                   Khvorova, Anastasia
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                                  Marshall, William
               7
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            11
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            16 <141> CURRENT FILING DATE: 2003-07-01
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            19 <151> PRIOR FILING DATE: 2003-04-02
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PATENT APPLICATION: US/10/613,077 TIME: 15:54:35 Input Set : A:\13510CIP.txt Output Set: N:\CRF4\08112004\J613077.raw 3' end W--> 66 <221> NAME/KEY: modified base 67 <222> LOCATION: (20)...(21) 68 <223> OTHER INFORMATION: 2' deoxythymidine W-->70 <221> modified base 71 <222> LOCATION: (1)...(19) 72 <223> OTHER INFORMATION: 2' orthoesther W--> 74 <400> 3 75 gugauguaug ucagagagut t 21 77 <210> SEQ ID NO: 4 78 <211> LENGTH: 21 79 <212> TYPE: DNA 80 <213> ORGANISM: Artificial Sequence 82 <220> FEATURE: 83 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 3' end W--> 86 <221> NAME/KEY: modified_base 87 <222> LOCATION: (20)...(21) 88 <223> OTHER INFORMATION: 2' deoxythymidine W--> 90 < 221 > modified base91 <222> LOCATION: (1)...(19) 92 <223> OTHER INFORMATION: 2' orthoesther W--> 94 <400> 4 95 acucucugac auacaucact t 97 <210> SEQ ID NO: 5 98 <211> LENGTH: 21 99 <212> TYPE: DNA 100 <213> ORGANISM: Artificial Sequence 102 <220> FEATURE: 103 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 3' end W--> 106 <221> NAME/KEY: modified_base 107 <222> LOCATION: (2)...(4) 108 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 110 <221> modified base 111 <222> LOCATION: (16)...(18) 112 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 114 <221> modified_base 115 <222> LOCATION: (20)...(21) 116 <223> OTHER INFORMATION: 2' deoxythymidine W--> 118 <400> 5 119 acucucugac auacaucact t 21 121 <210> SEQ ID NO: 6 122 <211> LENGTH: 21 123 <212> TYPE: DNA 124 <213> ORGANISM: Artificial Sequence 126 <220> FEATURE: 127 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at

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3' end

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Input Set : A:\13510CIP.txt Output Set: N:\CRF4\08112004\J613077.raw W--> 130 <221> NAME/KEY: modified_base 131 <222> LOCATION: (2)...(6) 132 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 134 <221> modified_base 135 <222> LOCATION: (14)...(18) 136 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 138 <221> modified_base 139 <222> LOCATION: (20)...(21) 140 <223> OTHER INFORMATION: 2' deoxythymidine W--> 142 < 400 > 6143 acucucugac auacaucact t 21 145 <210> SEQ ID NO: 7 146 <211> LENGTH: 21 147 <212> TYPE: DNA 148 <213> ORGANISM: Artificial Sequence 150 <220> FEATURE: 151 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 3' end W--> 154 <221> NAME/KEY: modified base 155 <222> LOCATION: (2)...(7) 156 <223> OTHER INFORMATION: 2' fluoro W--> 158 < 221 > modified base159 <222> LOCATION: 10,12,14,16,17,19 160 <223> OTHER INFORMATION: 2' fluoro W--> 162 <221> modified base 163 <222> LOCATION: (2)...(6) 164 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 166 <221> modified_base 167 <222> LOCATION: (14)...(18) 168 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages W--> 170 <221> modified base 171 <222> LOCATION: (20)...(21) 172 <223> OTHER INFORMATION: 2' deoxythymidine W--> 174 <400> 7 175 acucucugac auacaucact t 177 <210> SEQ ID NO: 8 178 <211> LENGTH: 21 179 <212> TYPE: DNA 180 <213> ORGANISM: Artificial Sequence 182 <220> FEATURE: 183 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 184 3' end W--> 186 <221> NAME/KEY: modified base 187 <222> LOCATION: 2,5,7,9,11,12,19 188 <223> OTHER INFORMATION: 2' amino W--> 190 <221> modified base 191 <222> LOCATION: (20)...(21) 192 <223> OTHER INFORMATION: 2' deoxythymidine W--> 194 <400> 8

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Input Set : A:\13510CIP.txt Output Set: N:\CRF4\08112004\J613077.raw 260 <213> ORGANISM: Artificial Sequence 262 <220> FEATURE: 263 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 264 3' end > 266 <221> NAME/KEY: modified base 267 <222> LOCATION: (2)...(6) 268 <223> OTHER INFORMATION: phosphorothioate modified internucleotide linkages > 270 <221> modified base 271 <222> LOCATION: (14)...(18) 272 <223> OTHER INFORMATION: phosphorothicate modified internucleotide linkages --> 274 <221> modified base 275 <222> LOCATION: (20) ... (21) 276 <223> OTHER INFORMATION: 2' deoxythymidine -> 278 <400> 12 279 acucucugac auacaucact t 21 281 <210> SEQ ID NO: 13 282 <211> LENGTH: 21 283 <212> TYPE: DNA 284 <213> ORGANISM: Artificial Sequence 286 <220> FEATURE: 287 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 3' end -> 290 <221> NAME/KEY: modified_base 291 <222> LOCATION: 2,5,7,9,11,19 292 <223> OTHER INFORMATION: 2'- O-methyl -> 294 <221> modified base 295 <222> LOCATION: (20)...(21) 296 <223> OTHER INFORMATION: 2' deoxythymidine -> 298 <400> 13 299 gugauguaug ucagagagut t 21 301 <210> SEQ ID NO: 14 302 <211> LENGTH: 21 303 <212> TYPE: DNA 304 <213> ORGANISM: Artificial Sequence 306 <220> FEATURE: 307 <223> OTHER INFORMATION: RNA/DNA, synthetic, RNA with 2'deoxythymidines at 308 3' end --> 310 <221> NAME/KEY: modified base 311 <222> LOCATION: 2,3,4,5,6,12,14,16,17,19 312 <223> OTHER INFORMATION: 2' omethyl -> 314 <221> modified base 315 <222> LOCATION: (20)...(21) 316 <223> OTHER INFORMATION: 2' deoxythymidine -> 318 <400> 14 319 acucucugac auacaucact t 21 321 <210> SEQ ID NO: 15 322 <211> LENGTH: 21 323 <212> TYPE: DNA 324 <213> ORGANISM: Artificial Sequence

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VERIFICATION SUMMARY
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DATE: 08/11/2004
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Input Set : A:\13510CIP.txt

Output Set: N:\CRF4\08112004\J613077.raw

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Input Set : A:\13510CIP.txt

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/613,077

DATE: 08/11/2004 TIME: 15:54:36

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